



\$2671

PATENT  
Attorney Docket No. SNS-006CP1  
(7268/10)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Technology Center 2600

APPLICANTS: Shih et al.  
SERIAL NO.: 09/347,637 GROUP NO.: 2671  
FILING DATE: July 6, 1999 EXAMINER: E.L. Santiago  
TITLE: SYSTEMS AND METHODS FOR SCULPTING VIRTUAL OBJECTS IN  
A HAPTIC VIRTUAL REALITY ENVIRONMENT

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 25th day of March, 2002.

Irja Zarembok

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith are:

Transmittal Form (1 pg.);  
Fee Transmittal Form (1 pg.);  
check in the amount of \$180.00;  
Information Disclosure Statement (2 pgs.);  
PTO Form 1449 (10 pgs.);  
cited references A1-A143; B1-B17; C1-C60; and  
return receipt postcard

2317231

O I P E

MAR 29 2002

PATENT &amp; TRADEMARK OFFICE

TRANSMITTAL  
FORM

Application Serial Number	09/347,637
Filing Date	July 6, 1999
First Named Inventor	Shih
Group Art Unit	2671
Examiner Name	E.L. Santiago
Attorney Docket No.	SNS-006CP1 (7268/10)
Patent No.	Not applicable
Issue Date	Not applicable

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## ENCLOSURES (check all that apply)

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|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Check Attached<br><input type="checkbox"/> Copy of Fee Transmittal Form<br><br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> Preliminary<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]<br><br><input type="checkbox"/> Petition for Extension of Time<br><br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input checked="" type="checkbox"/> Form PTO-1449<br><input checked="" type="checkbox"/> Copies of IDS Citations (A1-A143; B1-B17; C1-C60)<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Sequence Listing submission<br><input type="checkbox"/> Paper Copy/CD<br><input type="checkbox"/> Computer Readable Copy<br><input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)<br><br><input type="checkbox"/> Formal Drawing(s)<br><br><input type="checkbox"/> Request For Continued Examination (RCE) Transmittal<br><br><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application<br><br><input type="checkbox"/> Small Entity Statement<br><br><input type="checkbox"/> CD(s) for large table or computer program<br><br><input type="checkbox"/> Amendment After Allowance<br><br><input type="checkbox"/> Request for Certificate of Correction<br><input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences<br><br><input type="checkbox"/> Appeal Brief (in triplicate)<br><br><input type="checkbox"/> Status Inquiry<br><br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8<br><br><input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8<br><br><input type="checkbox"/> Additional Enclosure(s) (please identify below) |
|--|--|---|

## CORRESPONDENCE ADDRESS

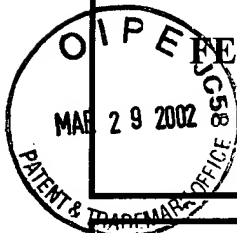
Direct all correspondence to: Patent Administrator  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110  
Tel. No.: (617) 248-7000  
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## SIGNATURE BLOCK

Respectfully submitted,  
  
Joseph B. Milstein  
Attorney for Applicants  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
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Date: March 25, 2002  
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2317255



**FEE TRANSMITTAL**  
**FY 2002**

Complete if Known

Application Serial Number	09/347,637
Filing Date	July 6, 1999
First Named Inventor	Shih
Group Art Unit	2671
Examiner Name	E.L. Santiago
Attorney Docket No.	SNS-006CP1 (7268/10)

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<b>METHOD OF PAYMENT</b>				<b>FEE CALCULATION (continued)</b>			
1. <input checked="" type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other				3. ADDITIONAL FEES			
2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit.							
3. <input checked="" type="checkbox"/> Applicant claims small entity status.							
<b>FEE CALCULATION</b>							
1. FILING FEE							
Large Entity							
Fee (\$)	Fee Description		Fee Paid	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
740	Utility filing fee			130	65	Surcharge - late filing fee or oath	
330	Design filing fee			50	25	Surcharge - late provisional filing fee or cover sheet	
160	Provisional filing fee			130	130	Non-English specification	
				2,520	2,520	Request for ex parte reexamination	
				110	55	Extension for reply within first month	
				400	200	Extension for reply within second month	
				920	460	Extension for reply within third month	
				1440	720	Extension for reply within fourth month	
				1960	980	Extension for reply within fifth month	
				320	160	Notice of Appeal	
				320	160	Filing a brief in support of an appeal	
				280	140	Request for oral hearing	
				130	130	Petitions to the Commissioner	
				180	180	Submission of Information Disclosure Statement	180
				740	370	Filing a submission after final rejection (37 CFR 1.129(a))	
				740	370	For each additional invention to be examined (37 CFR 1.129(b))	
				100	100	Certificate of Correction for applicant's error	
				Other fee (Specify)			
				Other fee (Specify)			
TOTAL:							
SMALL ENTITY DISCOUNT:							
SUBTOTAL (1) (\$)				0			
2. AMENDMENT CLAIM FEES							
Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid	SUBTOTAL (3) (\$)		
Total	-	=	x \$ 18.00 =		SUBTOTAL (1) 0		
Indep.	-	=	x \$ 84.00 =		SUBTOTAL (2) 0		
<input type="checkbox"/> First Presentation of Multiple Dep. Claim				+ \$280.00 =	SUBTOTAL (3) 180.00		
TOTAL:				(\$)			
SMALL ENTITY DISCOUNT:				(\$)			
SUBTOTAL (2) (\$)					TOTAL (\$)		
				180.00			
<b>CORRESPONDENCE ADDRESS</b>				<b>SIGNATURE BLOCK</b>			
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100				Respectfully submitted,  Joseph B. Milstein Attorney for the Applicants Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110			



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PATENT  
Attorney Docket No. SNS-006CP1  
(7268/10)

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206516  
March 22, 2002  
Date: 5-39/110  
Fleet Bank, N.A.  
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Testa, Hurwitz & Thibault, LLP  
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Boston, MA 02110  
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\$ 180.00  
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SNs = 006CP1  
Serial No: 09/347,637  
10-00-000000

GROUP NO.: 2671  
EXAMINER: E.L. Santiago

D METHODS FOR SCULPTING VIRTUAL OBJECTS IN  
VIRTUAL REALITY ENVIRONMENT

FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

correspondence, and any document(s) referred to as enclosed  
in the United States Postal Service as first class mail, postage  
paid by the Assistant Commissioner for Patents, Washington, DC  
20502.

*Irja Zarembok*  
Irja Zarembok

);  
pg.);  
\$180.00;  
Statement (2 pgs.);  
);  
3; B1-B17; C1-C60; and